

# EUROPEAN PATENT OFFICE

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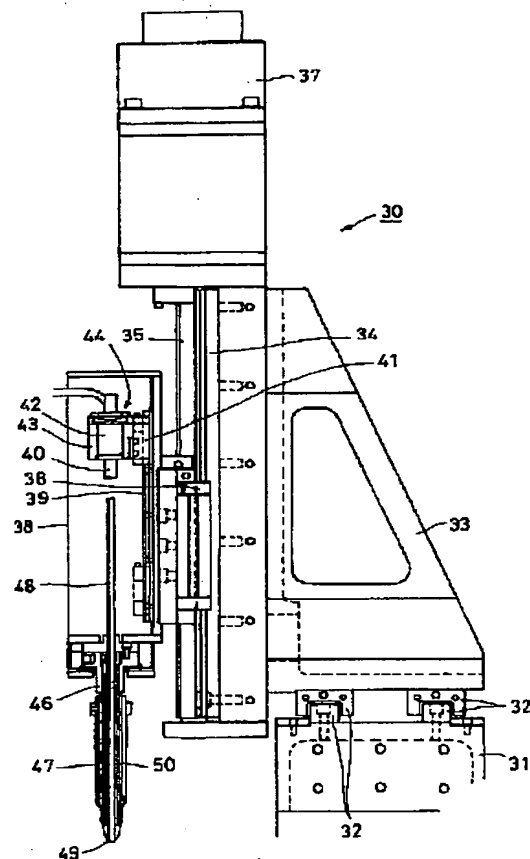
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INVENTOR : GONDA TOSHIAKI;

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TITLE : BLOW DEVICE FOR EXTRUSION  
BLOW MOLDING MACHINE



**ABSTRACT :** PROBLEM TO BE SOLVED: To provide the blow device capable of enhancing the cooling efficiency of a parison and capable of shortening the time up to the completion of molding to enhance molding efficiency.

**SOLUTION:** A blow cooling pipe 8 is provided to the center part of the blow nozzle 47 communicating with the parison held between a pair of mold halves in a relatively reciprocally movable manner and the blow nozzle 47 is reciprocally moved by first reciprocal moving mechanisms 34-38 to blow compressed air in the parison and the blow cooling pipe 48 is inserted in an expanded intermediate molded article by second reciprocal moving mechanisms 39-46 of which the reciprocal moving surfaces are offset to be provided doubly to perform blow molding and cooling by compressed air. By this constitution, the portion especially requiring cooling such as the pinch-off portion in the intermediate molded article can be collectively cooled by the blow cooling pipe 48 and cooling efficiency is enhanced and a molded article can be taken out for a short time to enhance molding efficiency.

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